



**Politecnico
di Torino**

Department of Environment,
Land and Infrastructure
Engineering

**NOVEMBER
9TH 2023**

LIME EXPLOITATION AND PRODUCTION FOR RESPONSIBLE MINING

1.15 pm

Politecnico di Torino, Corso
Duca degli Abruzzi, 24 |
Meeting Room 1st Floor,
DIATI Entrance 3

SPEAKERS:

Giovanni Baldo, Technical Services Burnt Lime Area, **Fassa Srl**
Federico Bordin, Process Development Technologist, **Fassa Srl**

The burnt lime is an industrial mineral / raw material (chemical formula CaO) obtained through the heating of lime (chemical formula CaCO_3) at a temperature higher than 900°C . After an excursus on its use in ancient times, the speakers will concentrate on its main characteristics, quarry operations required, the productive process and the reason why it is essential for modern societies. A special focus will be on burnt lime market applications, as well as on future challenges, especially in terms of environmental impact and sustainable production.

The seminar is organized in the framework of the Master of Science in Georesources and Geoenergy Engineering – Sustainable Mining Track of Politecnico di Torino and is open to the public.

For those who cannot attend the seminar in person, it will be possible to join online on Zoom, at this link:
<https://didattica.polito.it/VClass/lime-exploitation>

